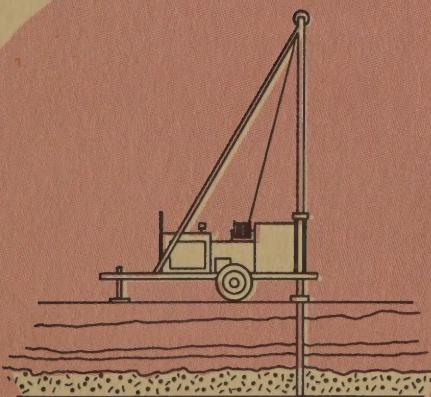
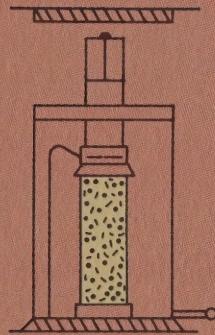
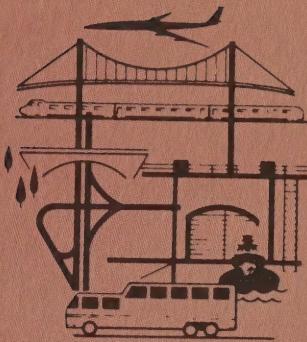


STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

RAYMOND T. SCHULER, COMMISSIONER



SOIL MECHANICS  
BUREAU



CONTRACT FILED 73-13

TEST WELL REPORT  
INTERSTATE ROUTE 502  
MOFFITT RD. TO STRATTON RD.  
NORTHBOUND & SOUTHBOUND  
REST AREAS  
CLINTON COUNTY

April 1974



## MEMORANDUM

## DEPARTMENT OF TRANSPORTATION

DATE April 30, 1974

SUBJECT TEST WELL REPORT, I-87 - MOFFITT ROAD TO STRATTON ROAD  
REST AREAS, FILED 73-13  
CLINTON COUNTYFROM Lyndon H. Moore, Director, Soil Mechanics Bureau, Room 102, Bldg. 7  
By: Wesley P. Moody *WPM*

TO C. J. Lyman, Regional Director of Transportation, Region 7 ←

cc M. D. Graham, Facilities Design Subdivision, Room 405, Bldg. 5  
Attention: J. J. Ryan  
J. Sternbach, Construction Subdivision, Room 404, Bldg. 5  
J. E. Cassidy, Office of General Services, Design and Construction

Enclosed is a copy of a test well report prepared by Vance Bryant,  
Senior Engineering Geologist, describing work done on the subject  
project.

Your attention is directed to Page 2 of the report. The pump requirements  
are being re-studied by Mr. Cassidy.

Please contact this Bureau if you have questions regarding this report.

LHM:EJL:MR  
Attachment

Vance Bryant  
Senior Engineering Geologist

NYS DOT  
Library  
50 Wolf Road, POD 34  
Albany, New York 12232



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION  
SOIL MECHANICS BUREAU

Two test wells were constructed under Contract #50-73-13,  
one at each of the two locations where the  
Interstate Moffitt Road and Stratton Road intersect.  
The work was completed in April 1974.

TEST WELL REPORT  
FOR  
INTERSTATE ROUTE 502, MOFFITT RD. TO STRATTON RD.

NORTHBOUND AND SOUTHBOUND  
REST AREAS

By

Vance Bryant  
Senior Engineering Geologist

April 1974



### ABSTRACT

Two test wells were constructed under Contract FILED 73-13, one at each of the Northbound and Southbound Rest Areas between Moffitt Road and Stratton Road on the Northway. The work was completed in March 1974.

Drilling and Test Data as obtained from samples, as well as direct observations and measurements, is included in the respective Appendix for each well.

Pump requirements are to be reviewed due to the lack of similarity of well characteristics of the pre-existing (1967) wells and the new wells at each site. Final recommendations will be forthcoming from the Office of General Services.



April 1, 1974

Department of Environment

T-100-2-73-13

INTERSTATE WATER SUPPLY PROJECT  
CLINTON COUNTY, IOWA 50616

Vance Bryant, Senior Engineering Geologist

M. P. Moody, Associate Geologic Engineer

During February and March  
drilled, one or each of

TABLE OF CONTENTS

the sites on the project. Two existing wells had been completed during 1967 construction but had not been in use. The new wells were to supply the

PAGE

TEXT OF REPORT.....	1 & 2
LOCATION PLANS.....	3 & 4
LIST OF APPENDICES.....	5
APPENDIX A - NORTHBOUND WELL NO. 2.....	A1-6
APPENDIX B - SOUTHBOUND WELL NO. 2.....	B1-6

Drilling was started at the Northbound well site on March 1, 1974. It was determined that less than 100 feet would be drilled from No. 1 well No. 2, meanwhile the Southbound well was essentially dry at 100 feet.

The writer recommended that both wells be continued to a depth of at least 200 feet. After some negotiations between the Contractor and Sub-Contractor concerning the Contractual agreement, which had called for a lump sum fee rather than a unit price bid for each well construction item, drilling continued at the Southbound location. Within the next thirty feet, specifically 160-180 feet, a large quantity of water was obtained. Subsequent water testing established a yield in excess of 1,100 G.P.D. The author then suggested for a second test on No. 2 and continued drilling down to 200-205 feet. The resulting yield of 85 G.P.D. was sufficient, the well being sealed at 205 G.P.D.

During the week of April 1, 1974 the two wells were



## MEMORANDUM

DEPARTMENT OF TRANSPORTATION

DATE April 3, 1974

SUBJECT F.I.L.D 73-13

INTERSTATE ROUTE 502, MOFFITT RD. TO STRATTON RD.  
CLINTON COUNTY, P.I.N. 7720.15-311

FROM Vance Bryant, Senior Engineering Geologist

TO W. P. Moody, Associate Soils Engineer

During February and March of 1974 two new test wells were drilled, one at each of the Northbound and Southbound rest area sites on the subject project. Two existing wells had been completed under a 1967 contract but had not been put in use. The two new wells were to satisfy the requirement for a dual water source at each interstate rest area. Please note that the actual well locations are different than the proposed locations shown on the contract plans. The actual station, offset and elevation are shown on the well detail sheet in the respective appendix for each well.

Grouting of the permanent casings into rock, performed under an order on contract, was accomplished during the week of February 25th, in addition, the Northbound well (NB No. 2) was drilled to a depth of 130(+) feet during the same week. A yield of 10-12 G.P.M. was estimated by the driller. While drilling was progressed on the Southbound well (SB No. 2) the Northbound well was tested with a submersible pump. It was determined that less than 10 G.P.M. would be obtained from NB well No. 2. Meanwhile the Southbound well was essentially dry at 160 feet.

The writer recommended that both wells be continued to a depth of at least 200 feet. After some negotiations between the Contractor and Sub-Contractor concerning the Contractural Agreement, which had called for a lump sum bid rather than a unit price bid for each well construction item, drilling continued at the Southbound location. Within the next thirty feet, specifically 169-180 feet, a large quantity of water was obtained. Subsequent pump testing established a yield in excess of 120 G.P.M. The driller then set-up for a second time on NB No. 2 and continued drilling from 130 to 200 feet. The original yield of 86 G.P.M. was tripled, the well being tested at 25 G.P.M.

During the week of March 11, 1974 the two wells were



Mr. W. P. Moody

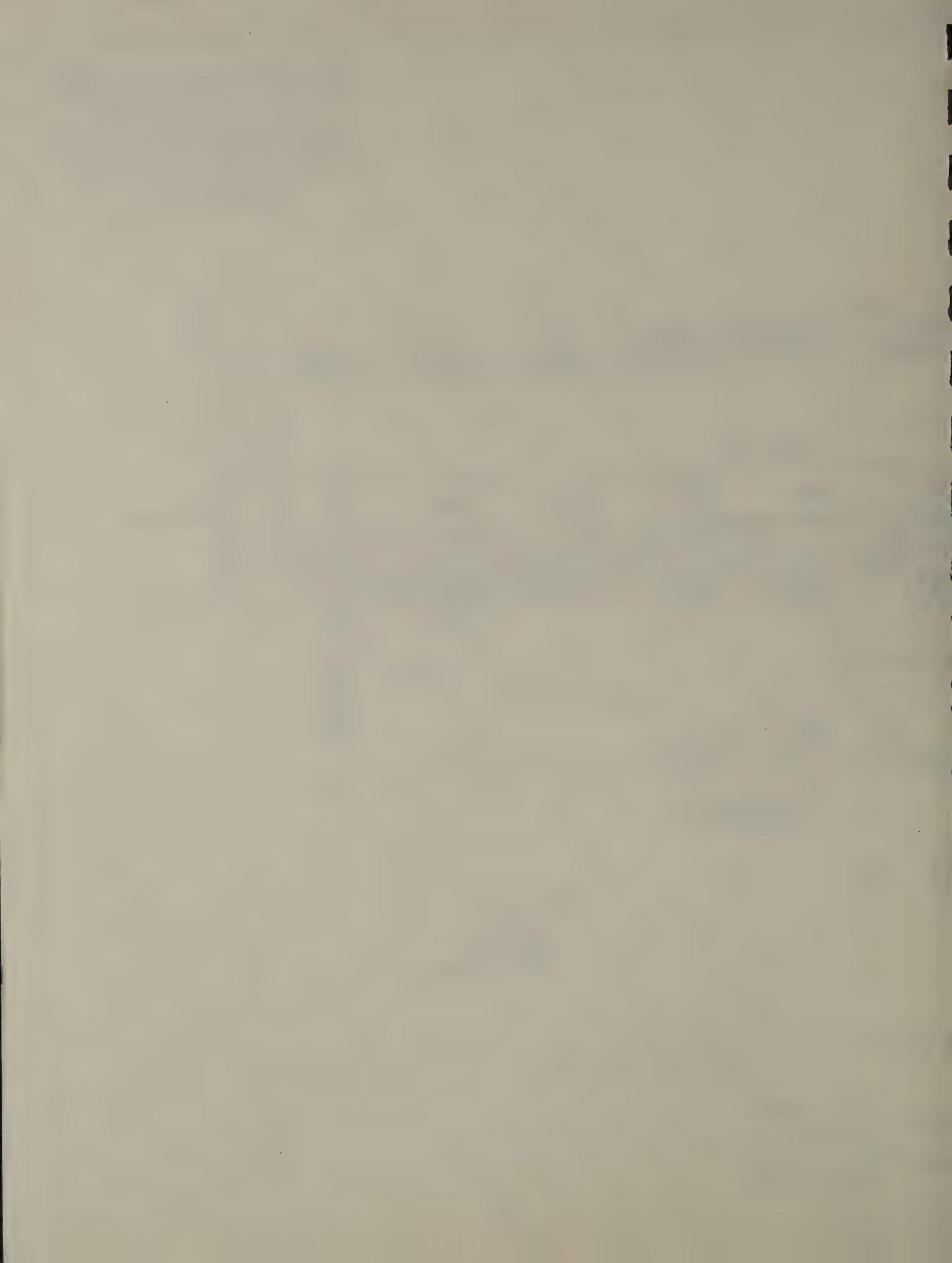
Page 2

April 8, 1974

disinfected, tested and sampled for quality. The results of the pump and quality tests are included as part of this report, under the respective appendix for each well, in addition to a log of each well and other pertinent details. The pump tests reveal that the individual well characteristics at each of the Northbound and Southbound sites are not similar. The depth, drawdown and yield of the wells are such that each well requires separate study with regard to location and capacity of the pump to be placed in it. A quick study of the pumps that had already been ordered revealed that some were not compatible with the characteristics of the wells. The writer, with the approval of Mr. LaPierre (E.I.C.), contacted Mr. J. Cassidy of the Office of General Services whose office approved the original pumps and Mr. M. Hodge, Regional Construction Engineer for Region 7. It was agreed that Mr. Cassidy's office would re-study the well characteristics and pump requirements. Upon completion of the study, which will attempt to utilize as many of the pumps as originally approved, Mr. Cassidy will transmit final recommendations to the Region regarding any pump changes that are necessary.







FED. RD REG. NO.	STATE	FED. AID PROJ. NO.	HEET NO.	TOTAL SHEETS
	NY	I-97-4 (480)	8	33
INTERSTATE RTE. 502, SECT 7C-II & 7C-12				
(MOFFITT ROAD STRATTON ROAD) SH 60-15				
CLINTON CO. (COMFORT STATIONS)				

NEW HIGHWAY LIMITS

FLORENCE WEST  
FEE WO/A  
MAP 712  
PARC. 783  
AREA = 0.364 ACRES

MOUNTING HEIGHT 4' FROM BOTTOM  
OF SIGN PANEL TO TOP OF CURB

AH 11

PLAN

AH 16 10 20 30 40 50 100 150  
SCALE IN FEET

PH 20

HIGHWAY LIMITS

POSSIBLE  
INFORMATION BLDG. SITE

WHEEL CHAIR  
RAMP

EXISTING

WELL

SEE DETAIL "E" (DRAWING NO. PL-2)

FLOOR EL. 220.50

WELL 8B NO. 2  
(ACTUAL LOCATION)

ITEM 802

WELL # 2  
PH 13

PH 17

PH 18

PH 19

PH 20

PH 21

PH 22

PH 23

PH 24

PH 25

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APPENDIX B - SOUTHBOUND REST AREA-TEST WELL NO. 2	
1) WELL DATA	B1
2) WELL LOG & DETAILS	B2
3) PUMP TEST DATA	B3
4) BACTERIOLOGICAL, CHEMICAL & PHYSICAL DATA	B4-6



APPENDIX A  
NORTHBOUND REST AREA-TEST WELL NO. 2



INTERSTATE ROUTE 502, MOFFITT RD. TO STRATTON RD.  
NORTHBOUND REST AREA-TEST WELL NUMBER 2

LOCATION

Centerline Station: PNB 271+03  
Offset: 180 Feet Right  
Original Ground Elevation (O.G.): 215.2

DRILLING DATA

Contractor: W. A. Bushey  
Sub-Contractor: Ormsby's Well Drilling Company  
Driller: Harold Ormsby  
Date Started: 2/27/74  
Date Completed: 3/6/74

WELL DATA

Source of Water: Dolostone Bedrock  
Overburden: Topsoil and Boulders  
Static Level During Drilling: 8.5 Feet  
Depth of Well: 198.5 Feet

TEST DATA

Date Started: 3/12/74  
Date Completed: 3/13/74  
Location of Pump Intake: 173.5 Feet  
Static Level Prior to Testing: 20.0 & 17.5 Feet  
Yield: 25 G.P.M.  
Drawdown: 103.5 Feet  
Specific Capacity: .024 G.P.M. Per Foot of Drawdown

PUMP DATA

Make & Type: Peerless 1 HP Submersible



INTERSTATE ROUTE 502, MOFFITT RD. TO STRATTON RD.  
NORTHBOUND REST AREA-TEST WELL NUMBER 2

WELL LOG

WELL DETAILS

Topsoil & Boulders 0-3 Feet

Top of Casing

Elevation-216.7

Original Ground Surface (O.G.)

Elevation-215.2

Bottom of Grout, Elevation 197.7

Bottom of 6 Inch Casing, Elev. 196.7

Static Level, Elevation 195.2

GRAY  
DOLOSTONE  
3-198.5 FEET

Dynamic Level (Rate-25 G.P.M.)

Depth 121 Feet, Elevation 94.2

Pump Intake During Testing

Depth 173.5 Feet, Elevation 41.7

Bottom of Drilled Well

Depth 198.5 Feet, Elevation 16.7



INTERSTATE ROUTE 502, MOFFITT RD. 10 STRATTON RD.  
NORTHBOUND REST AREA TEST WELL NUMBER 2

STEP DRAWDOWN TEST

Static Level Prior to Test - 20.0 Feet Below Original Ground  
Pump Intake During Test - 173.5 Feet Below Original Ground

<u>Date</u>	<u>Time</u>	<u>Rate</u> <u>(GPM)</u>	<u>Dynamic Level</u> <u>(Feet)</u>	<u>Drawdown</u> <u>(Feet)</u>	<u>Comments</u>
3/12/74	3:30 PM	2	-	0	
	3:45 PM	2	20.5	0.5	Stabilized Drawdown
	3:45 PM	5	-	-	Increased Rate
	4:15 PM	5	27.5	7.5	Stabilized Drawdown
	4:15 PM	8.5	-	-	Increased Rate
	4:45 PM	8.5	32.0	12.0	Stabilized Drawdown
	4:45 PM	12	-	-	Increased Rate
	5:30 PM	12	33.5	13.5	Stabilized Drawdown
	5:30 PM	16	-	-	Increased Rate
	6:00 PM	16	44.5	24.5	Stabilized Drawdown
	6:00 PM	20	-	-	Increased Rate
	6:30 PM	20	67.5	47.5	Stabilized Drawdown
	6:30 PM	25	-	-	Increased Rate
	7:00 PM	25	98.5+	78.5+	Level Not Stable Stopped Pumping

7:15 PM-8:15 PM - Added Chlorine, Recirculated 1 Hour  
8:15 PM-9:00 AM - Disinfected Well Overnight

CONTINUOUS YIELD TEST

Static Level Prior to Test - 17.5 Feet Below Original Ground  
Pump Intake During Test - 173.5 Feet Below Original Ground

<u>Date</u>	<u>Time</u>	<u>Rate</u> <u>(GPM)</u>	<u>Dynamic Level</u> <u>(Feet)</u>	<u>Drawdown</u> <u>(Feet)</u>	<u>Comments</u>
3/13/74	9:00 AM	25	-	0	
		25	87.5	70.0	
		25	92.5	75.0	
		25	95.5	78.0	
	10:45 AM	25	102.0	84.5	
		25	107.5	90.0	
		25	112.5	95.0	
		25	115.5	98.0	
		25	119.5	102.0	
	5:00 PM	25	121.0	103.5	Water
	5:15 PM	25	121.0	103.5	Level
	5:30 PM	25	121.0	103.5	Stable



NEW YORK STATE DEPARTMENT OF HEALTH  
DIVISION OF LABORATORIES AND RESEARCH  
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION  
(PAGE 1 OF 1)

REPORTING LAB: 01 CENTRAL AVE. LAB  
LAB ACCESSION NO: 01882 YR/MO/DAY/HR SAMPLE REC'D: 74/03/14/08  
PROGRAM: 120 RESIDENTIAL AND RECREATIONAL SANITATION  
STATION (SOURCE) NO:  
DRAINAGE BASIN: NY GAZETTEER NO: 0952 COUNTY: CLINTON  
COORDINATES: DEG 1' MN. 1' SEC. 1' SW  
COMMON NAME TNCL SUBW'SHED: T BEEKMANTOWN, INT NY 87

EXACT SAMPLING POINT: NORTH REST AREA

TYPE OF SAMPLE: 12 WATER, DRILLED WELL

MO/DAY/HR OF SAMPLING: FROM 00/00 TO 03/13/15

REPORT SENT TO: CO (0) RO (0) LPHE (2) LHO (0) FED (0)

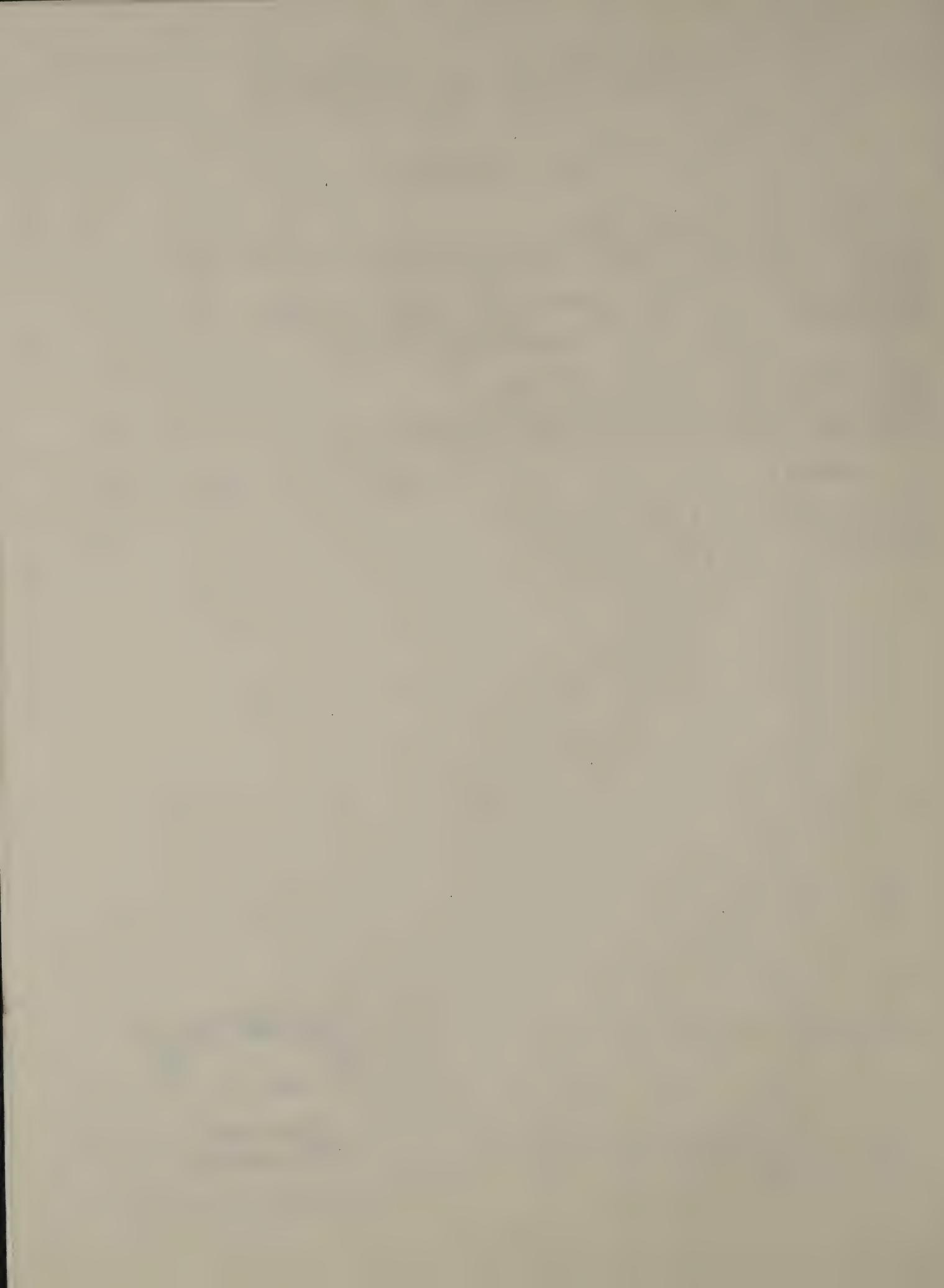
PARAMETER	UNIT	RESULT	NOTATION
026800 STAND PLATE COUNT COL/ML.		1.	LT
027000 COLIFORM BACT MF COL/100ML		1.	LT

DATE COMPLETED: 3/18/74

DIRECTOR OF ENVIRONMENTAL SANITATION  
CLINTON COUNTY HEALTH DEPARTMENT  
P.O. BOX 846  
PLATTSBURGH NEW YORK 12901

RECEIVED  
MAR 19 1974  
Rec'd  
CLINTON COUNTY  
HEALTH DEPARTMENT  
3-20-74  
JLJ

SUBMITTED BY: HUNTER



NEW YORK STATE DEPARTMENT OF HEALTH  
DIVISION OF LABORATORIES AND RESEARCH  
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION  
(PAGE 1 OF 2)

REPORTING LAB: 10 GRIFFIN LAB

LAB ACCESSION NO: 01086 YR/MO/DAY/HR SAMPLE REC'D: 74/03/18/11

PROGRAM: 820 NYS DEPT. OF TRANSP.

STATION (SOURCE) NO:

DRAINAGE BASIN: NY GAZETTEER NO: 0952 COUNTY: CLINTON

COORDINATES: DEG ' "N, DEG ' "W

COMMON NAME INCL SUBW'SHED: REST AREA RT 87 T BEEKMANTOWN

EXACT SAMPLING POINT: FILD 73-13 NORTHBOUND 1 INCH PIPE

TYPE OF SAMPLE: 16 PRIVATE SUPPLY, MISCELL.

MO/DAY/HR OF SAMPLING: FROM 00/00 TO 03/13/16

REPORT SENT TO: CO (1) RO (0) LPHE (2) LHO (0) FED (0)

PARAMETER	UNIT	RESULT	NOTATION
000100 COLOR (APPARENT)		0.	
000200 TURBIDITY, J.T.U.		2.0	
000300 ODOR, HOT		1.0044	
000501 NITROGEN,AMMONIA AS N	MG/L	0.02	
000709 NITROGEN,NITRITE AS N	MCG/L	1.	LT
000801 NITROGEN,NITRATE AS N	MG/L	0.1	LT
001001 CHLORIDES	MG/L	10.	
001101 HARDNESS, TOTAL AS CACO <sub>3</sub>	MG/L	443.	
001501 ALKALINITY, MTH OR AS CACO <sub>3</sub>	MG/L	321.	
001900 PH (LABORATORY)		7.4	
006401 NITROGEN,KJELDAHL,INCL. AMM	MG/L	0.12	
006501 CHEMICAL OXYGEN DEMAND	MG/L	2.	LT
010001 IRON	MG/L	0.09	

DATE COMPLETED: 4/08/74

DEPUTY CHIEF ENGINEER,TECHNICAL SERVICES  
NYS DEPT.OF TRANSPORTATION, BLDG. 7A  
1220 WASHINGTON AVENUE  
ALBANY, N.Y. 12226



NEW YORK STATE DEPARTMENT OF HEALTH  
DIVISION OF LABORATORIES AND RESEARCH  
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION  
(PAGE 2 OF 2)

REPORTING LAB: 10 GRIFFIN LAB

LAB ACCESSION NO: 01086 YR/MO/DAY/HR SAMPLE REC'D: 74/03/18/11

PROGRAM: 820 NYS DEPT. OF TRANSP.

STATION (SOURCE) NO:

DRAINAGE BASIN: NY GAZETTEER NO: 0952 COUNTY: CLINTON

COORDINATES: DEG ' "N, DEG ' "W

COMMON NAME INCL SUBW'SHED: REST AREA RT 87 T BEEKMANTOWN

EXACT SAMPLING POINT: FIELD 73-13 NORTHBOUND 1 INCH PIPE

TYPE OF SAMPLE: 16 PRIVATE SUPPLY, MISCELL.

MO/DAY/HR OF SAMPLING: FROM 00/00 TO 03/13/16

REPORT SENT TO: CO (1) RO (0) LPHE (2) LHO (0) FED (0)

PARAMETER	UNIT	RESULT	NOTATION
010201 MANGANESE	MG/L	0.06	
010701 SODIUM	MG/L	26.	
100300 ODOR, COLD		1.0044	
002001 TOTAL DISSOLVED SOLIDS	MG/L	572.	

DATE COMPLETED: 4/08/74

DEPUTY CHIEF ENGINEER, TECHNICAL SERVICES  
NYS DEPT. OF TRANSPORTATION, BLDG. 7A  
1220 WASHINGTON AVENUE  
ALBANY, N.Y. 12226



APPENDIX B  
SOUTHBOUND REST AREA-TEST WELL NO. 2



INTERSTATE ROUTE 502, MCINTYRE RD. TO STRATTON RD.  
SOUTHBOUND REST AREA-TEST WELL NUMBER 2

LOCATION

Centerline Station: PSB 270+17  
Offset: 161 Feet Left  
Original Ground Elevation (O.G.): 218.6

DRILLING DATA

Contractor: W. A. Bushey  
Sub-Contractor: Ormsby's Well Drilling Company  
Driller: Harold Ormsby  
Date Started: 3/2/74  
Date Completed: 3/5/74

WELL DATA

Source of Water: Dolostone Bedrock  
Overburden: Topsoil and Glacial Till  
Static Level During Drilling: 30 Feet  
Depth of Well: 188.5 Feet

TEST DATA

Date Started: 3/12/74  
Date Completed: 3/14/74  
Location of Pump Intake: 153.5 Feet  
Static Level Prior to Testing: 25 Feet  
Yield: 120 G.P.M.  
Drawdown: 83.5 Feet  
Specific Capacity: 1.44 G.P.M Per Foot of Drawdown

PUMP DATA

Make & Type: 5 HP Turbine



INTERSTATE ROUTE 90Z, MURPHILL RD. TO STRATTON RD.  
SOUTHBOUND REST AREA TEST WELL NUMBER 2

WELL LOG

WELL DETAILS

Topsoil & Glacial Till  
0-8.5 Feet

Top of Casing  
Elevation-220.1  
Original Ground Surface (O.G.)  
Elevation-218.6

GRAY  
DOLOSTONE  
8.5 to 188.5 FEET

Dynamic Level (Rate-50G.P.M.)  
Depth 70.0 Feet, Elevation 148.6

Pump Intake During Testing  
Depth 153.5 Feet, Elevation 65.1

Water Bearing Zone  
167.5 to 178.5 Feet, Elev. 51.1 to 40.1

Bottom of Drilled Well  
Depth 188.5 Feet, Elevation 30.1



INTERSTATE ROUTE 502, MOFFITT RD. TO STRATTON RD.  
SOUTHBOUND REST AREA-TEST WELL NUMBER 2

STEP DRAWDOWN TEST

Static Level Prior to Test - 25.0 Feet Below Original Ground  
Pump Intake During Test - 153.5 Feet Below Original Ground

<u>Date</u>	<u>Time</u>	<u>Rate</u> <u>(GPM)</u>	<u>Dynamic Level</u> <u>(Feet)</u>	<u>Drawdown</u> <u>(Inches)</u>	<u>Comments</u>
3/12/74	11:10 AM	17	-	0	
	11:30 AM	17	34.5	9.5	Stabilized Drawdown
	11:30 AM	50	-	-	Increased Rate
	1:00 PM	50	70.0	45.0	Stabilized Drawdown
	1:00 PM	120	-	-	Increased Rate
	1:15 PM	120	108.5	83.5	Stabilized Drawdown
	1:15 PM	150	-	-	Increased Rate
	1:19 PM	150	153.5	128.5	Water Level to Pump Intake-Water Muddy
	1:20 PM	60	-	-	Water Clearing
	2:30 PM	60	-	-	Water Clear

2:30 PM-3:30 PM - Added Chlorine, Recirculated 1 Hour  
3:30 PM-9:00 AM - Disinfected Well Overnight

CONTINUOUS YIELD TEST

Static Level Prior to Test - ? Feet Below Original Ground  
Pump Intake During Test - 153.5 Feet Below Original Ground

<u>Date</u>	<u>Time</u>	<u>Rate</u> <u>(GPM)</u>	<u>Dynamic Level</u> <u>(Feet)</u>	<u>Drawdown</u> <u>(Feet)</u>	<u>Comments</u>
3/13/74	9:00 AM	60	-	0	
3/14/74	1:30 AM	60	?	?	See Note

Note: Water Level Indicator Not Working - Water Levels Not Available  
For Water Levels See Prior Step Drawdown Test.



NEW YORK STATE DEPARTMENT OF HEALTH  
DIVISION OF LABORATORIES AND RESEARCH  
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION  
(PAGE 1 OF 1)

REPORTING LAB: 01 CENTRAL AVE. LAB  
LAB ACCESSION NO: 01883 YR/MO/DAY/HR SAMPLE REC'D: 74/03/14/08  
PROGRAM: 120 RESIDENTIAL AND RECREATIONAL SANITATION  
STATION (SOURCE) NO:  
DRAINAGE BASIN: NY GAZETTEER NO: 0952 COUNTY: CLINTON  
COORDINATES: DEG 1 E. NN. DEG 1 W.  
COMMON NAME INCL SUBW'SHED: T BEEKMAN TOWN, INT NY 87

EXACT SAMPLING POINT: SOUTH REST AREA

TYPE OF SAMPLE: 12 WATER, DRILLED WELL

D/DAY/AHR OF SAMPLING: FROM 00/00 TO 03/13/15

REPORT SENT TO: CO (0) RO (0) LPHE (2) LHO (0) FED (0)

PARAMETER	UNIT	RESULT	NOTATION
26800 STAND PLATE COUNT COL/ML.		2.	
27000 COLIFORM BACT MF COL/100ML		1.	LT

DATE COMPLETED: 3/18/74

DIRECTOR OF ENVIRONMENTAL SANITATION  
CLINTON COUNTY HEALTH DEPARTMENT  
P.O. BOX 846  
PLATTSBURGH NEW YORK 12901

SUBMITTED BY: HUNTER



NEW YORK STATE DEPARTMENT OF HEALTH  
 DIVISION OF LABORATORIES AND RESEARCH  
 ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION  
 (PAGE 1 OF 2)

REPORTING LAB: 10 GRIFFIN LAB

LAB ACCESSION NO: 01087 YR/MO/DAY/HR SAMPLE REC'D: 74/03/18/11

PROGRAM: 820 NYS DEPT. OF TRANSP.

STATION (SOURCE) NO:

DRAINAGE BASIN: NY GAZETTEER NO: 0952 COUNTY: CLINTON

COORDINATES: DEG ' "N, DEG ' "W

COMMON NAME INCL SUBW'SHED: REST AREA RT 87 T BEEKMANTOWN

EXACT SAMPLING POINT: FILD 73-13 SOUTHBOUND

TYPE OF SAMPLE: 16 PRIVATE SUPPLY, MISCELL.

MO/DAY/HR OF SAMPLING: FROM 00/00 TO 03/13/16

REPORT SENT TO: CO (1) RO (0) LPHE (2) LHO (0) FED (0)

PARAMETER	UNIT	RESULT	NOTATION
000100 COLOR (APPARENT)		0.	
000200 TURBIDITY, J.T.U.		0.37	
000300 ODOR, HOT		1.0044	
000501 NITROGEN,AMMONIA AS N	MG/L	0.09	
000709 NITROGEN,NITRITE AS N	MCG/L	1.	LT
000801 NITROGEN,NITRATE AS N	MG/L	0.1	LT
001001 CHLORIDES	MG/L	34.	
001101 HARDNESS, TOTAL AS CACO3	MG/L	147.	
001501 ALKALINITY, MTH OR AS CACO3	MG/L	275.	
001900 PH (LABORATORY)		7.8	
006401 NITROGEN,KJELDAHL,INCL. AMM	MG/L	0.14	
006501 CHEMICAL OXYGEN DEMAND	MG/L	9.	
010001 IRON	MG/L	0.11	

DATE COMPLETED: 4/08/74

DEPUTY CHIEF ENGINEER, TECHNICAL SERVICES  
 NYS DEPT.OF TRANSPORTATION, BLDG. 7A  
 1220 WASHINGTON AVENUE  
 ALBANY, N.Y. 12226



NEW YORK STATE DEPARTMENT OF HEALTH  
DIVISION OF LABORATORIES AND RESEARCH OR TRANSPORTATION  
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION  
(PAGE 2 OF 2)

REC'D APR 10 1974  
DEPUTY CHIEF ENGINEER (RESEARCH)

REPORTING LAB: 10 GRIFFIN LAB

LAB ACCESSION NO: 01087 YR/MO/DAY/HR SAMPLE REC'D: 74/03/18/11

PROGRAM: 820 NYS DEPT. OF TRANSP.

STATION (SOURCE) NO:

DRAINAGE BASIN: NY GAZETTEER NO: 0952 COUNTY: CLINTON

COORDINATES: DEG ' "N, DEG ' "W

COMMON NAME INCL SUBW'SHED: REST AREA RT 87 T BEEKMANTOWN

EXACT SAMPLING POINT: FLD 73-13 SOUTHBOUND

TYPE OF SAMPLE: 16 PRIVATE SUPPLY, MISCELL.

MO/DAY/HR OF SAMPLING: FROM 00/00 TO 03/13/16

REPORT SENT TO: CO (1) RO (0) LPHE (2) LHO (0) FED (0)

PARAMETER	UNIT	RESULT	NOTATION
010201 MANGANESE	MG/L	0.02	
010701 SODIUM	MG/L	150.	
100300 ODOR, COLD		1.0044	
002001 TOTAL DISSOLVED SOLIDS	MG/L	400.	

DATE COMPLETED: 4/08/74

DEPUTY CHIEF ENGINEER, TECHNICAL SERVICES  
NYS DEPT. OF TRANSPORTATION, BLDG. 7A  
1220 WASHINGTON AVENUE  
ALBANY, N.Y. 12226





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